



EDUstick Co-lab

EDUstick Co-lab was designed to support education at all levels from K-12 and beyond. This set enables many hours of lessons across various subjects, based on 3D printing technology, providing students with direct experience using modern educational tools. With its high-quality construction, versatility, and educational support, this product is an excellent tool for modern teaching and developing students' STEM skills.

Set Components:

1. 6x 3D EDUstick pens with stands.
2. 6x Powerbanks, enabling wireless operation of the devices.
3. 6x Chargers.
4. 1x Special case for safe storage and transport of the set.
5. 6x Durable, transparent pads for use with the 3D pen.
6. 6x Sets of basic printing templates (total of 24 A4 pages).
7. 1x Cutting pliers for cutting filament.
8. 24x Filaments, each 5 meters long (12 colors).
9. 15x Lesson plans (on a USB drive).

Product Features:

- **Versatility:** The EDUstick pen is compatible with the most popular 1.75mm filaments (PLA, ABS), allowing for a wide range of applications in various projects. It is also possible to use PCL, TPU, or PET-G filament with adjusted temperatures.
- **Multiple Modes:** The devices have 8 different speed modes, allowing the pen's operation to be tailored to the users' needs.
- **Safety:** The pen is equipped with an automatic sleep mode when not in use. EDUstick also has a ceramic tip, reducing the risk of burns.
- **Comfort:** A special stand is included with the EDUstick pen. This allows the pen to be safely set aside when not in use, preventing burns or damage to the surface it is used on.
- **Ease of Use:** The LCD display and usage indicators ensure intuitive and hassle-free operation.
- **Mobility:** With the included powerbanks, the pens can operate without the need to be connected to a charger.
- **Durability:** Specially designed packaging and the case ensure safe storage and transport of the devices.



EDUstick Solo

EDUstick Solo was created to support education at the K-12 level and beyond. This set allows for many hours of lessons across various subjects based on 3D printing technology, enabling students to gain practical skills in modern technologies. With its high-quality construction, versatility, and educational support, this product is an excellent tool for modern teaching and developing students' STEM skills.

Set Components:

- 1x 3D EDUstick pen with stand.
- 1x Powerbank, enabling wireless operation of the device.
- 1x Charger.
- 1x Special case for safe storage and transport of the pen.
- 1x Durable, transparent pad for use with the 3D pen.
- 1x Set of basic printing templates.
- 12x Filaments, each 3 meters long (12 colors).

Product Features:

- **Versatility:** The EDUstick pen is compatible with the most popular 1.75mm filaments (PLA, ABS), allowing for a wide range of applications in various projects. It is also possible to use PCL, TPU, or PET-G filament with adjusted temperatures.
- **Multiple Modes:** The devices have 8 different speed modes, allowing the pen's operation to be tailored to the users' needs.
- **Safety:** The pen is equipped with an automatic sleep mode when not in use. EDUstick also has a ceramic tip, reducing the risk of burns.
- **Work Comfort:** A special stand is included with the EDUstick pen. This allows the pen to be safely set aside when not in use, preventing burns or damage to the surface it is used on.
- **Ease of Use:** The LCD display and usage indicators ensure intuitive and hassle-free operation.
- **Mobility:** With the included powerbank, the pen can operate without the need to be connected to a charger.
- **Durability:** Specially designed packaging and the case ensure safe storage and transport of the devices.

Product Details

Pens specification:

- Weight: 63 g.
- Size: 184 x 31 mm.
- Nozzle diameter: 0,7 mm.
- Consumable filaments: 1,75 mm.
- Speed: 120 cm/min.
- Range of temperatures: 60 ~ 245 °C.
- Power supply: 5 V, 2 A.
- LCD panel.
- Types of filaments (1,75mm): PCL, PLA, PET-G, ABS filaments.

Powerbanks specification:

- Capacity: 10 000 mAh.
- Power supply: 5v, 2A.

Case specification:

- Size: 34cm x 28cm x 13cm.
- Size with cover: 36cm x 29cm x 14cm.
- Weight: 3,8kg (with equipment inside).
- Pallet size packing: 126 cases.

Single pen case specification:

- Size: 21cm x 11cm x 8cm.
- Weight: <1kg (with equipment).

Additional educational materials:

- 15 and ready lesson scenarios (5 for early childhood/preschool education, 5 for primary schools, 5 for secondary schools).
- 60-80 special templates for 3d pens, compatible with the scenarios.

Filaments for 3D pens:

- Size: 26cm x 25cm x 8cm.
- Weight: 1,1kg.
- 12 colors.
- Total of 36 filaments 5m long each (180 m).